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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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EXAMINER

09/417,604 10/14/99 ISHINO

A 8005 166USD	
ART UNIT	PAPER NUMBER

020227 QM32/0322
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DATE MAILED:

3721

03/22/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/417,604

Applicant(s)

ISHINO ET AL.

Examiner

Eugene Kim

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claims ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☒ All b) ☐ Some * c) ☐ None of the CERTIFIED copies of the priority documents have been:
1. ☒ received.
2. ☐ received in Application No. (Series Code / Serial Number) ____.
3. ☐ received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

Attachment(s)

- 14) ☒ Notice of References Cited (PTO-892)
- 15) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 16) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 17) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 18) ☐ Notice of Informal Patent Application (PTO-152)
- 19) ☐ Other: _____.

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DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nakagawa et al (#6,088,994) in view of Inamura et al (#5,097,652)
- Nakagawa et al show a packaging system which transports a bag-making film along a path while forming said film into a tubular form, fills the tubular formed film with articles and seals the film to produce a packaged product. Nakagawa et al shows input means that comprise a touch screen adapted to display different images for specifying the size of the bags. Input means 40 may be used to input various action parameters for the operation of the packaging machine. Nakagawa et al disclose memory means 21 wherein data is stored in the computer (col 7 lines 35+). Nakagawa et al show controllers 54, 56, 85 to process the operation. The user specifies/inputs the articles to be packaged which reads on inputting specified ones of packaging conditions. The corresponding data are retrieved from the memory 21. The operating means calculates control parameters for various elements, such as the seal jaws and belts. Regarding the actual correlation data is a matter of design choice. Nakagawa et al does not disclose the print data memory as claimed. The specification p. 1 discloses that it is

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known to incorporate a packaging machine and a printer for making packages. Inamura et al teach the concept of storing data in a buffer memory 423 which operates data input. Inamura et al show a controller/processing unit 418 which processes information to perform operations. It would have been obvious to one of ordinary skill in the art at the time of the invention to provide Nakagawa et al with printer memory means as taught by Inamura et al to print information on the web material for identification of the product.

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Kim whose telephone number is (703)308-1886. The examiner can normally be reached on Tuesday-Friday 7:30 a.m - 6:00 p.m.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)308-1148.



Eugene Kim
March 20, 2001